

SUN CONEC
-Singapore & Malaysia-

Single-fiber Patch cord



Make Connections Much Simpler

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Insertion Loss (IL) and Return Loss (RL)

	Optical Performance	APC	UPC
Standard	IL (dB)	0.25	0.25
Low Insertion Loss		0.15	0.15
Standard	RL (dB)	60	50
High Return Loss		65	55

Random Mated

Attenuation Grades	Description	Test method
Grade A*+ (Undefined in IEC)	≤0.05dB mean,≤0.10dB max,for ≥97% of connections	IEC 61300-3-34 method1
Grade A* (Undefined in IEC)	≤0.07dB mean,≤0.15dB max,for ≥97% of connections	IEC 61300-3-34 method1
Grade B	≤0.12dB mean,≤0.25dB max,for ≥97% of connections	IEC 61300-3-34 method1

Fiber Endface Geometry Comparison

Parameter	APC	UPC
Radius (mm)	5~12	10~25
Apex Offset (μm)	0~50	0~50
Fiber Height (mm)	-100~+50	-100~+50
Angle Deviation (°)	7.7~8.3	N/A
Key Angle (°)	±0.3	N/A

OPTICAL PATCHCORD

SCU-SCA-S-09-Z-B

A-SIDE CONNECTOR TYPE		B-SIDE CONNECTOR TYPE		CORE COUNT		OUTER DIAMETER		MATERIALS		OPTICAL FIBER TYPE	
SCU	SC/UPC	SCU	SC/UPC	S	simplex	09	0.9	Z	LSZH	A	G652D
SCA	SC/APC	SCA	SC/APC	D	duplex	12	1.2	V	PVC	B	G657A1
SCT	SC/APC(step)	SCT	SC/APC(step)			16	1.6	O	OFNP	C	G657A2
FCU	FC/UPC	FCU	FC/UPC			18	1.8			D	G657B3
FCA	FC/APC	FCA	FC/APC			20	2.0			E	G655
STU	ST/UPC	STU	ST/UPC			30	3.0			F	OM1
STA	ST/APC	STA	ST/APC							G	OM2
LCU	LC/UPC	LCU	LC/UPC							H	OM3-150
LCA	LC/APC	LCA	LC/APC							J	OM3-300
UN	UNIBOOT	UN	UNIBOOT							K	OM4
LSH	LSH	LSH	LSH							L	OM5

Note: Custom lengths available to meet your requirements.

STANDARD PATCH CORD STRUCTURE

LC-TYPE FIBRE OPTIC CONNECTOR PATCH CORD



LC-LC



LC-SC



LC-FC



LC-ST



LC-LSH

SC-TYPE FIBRE OPTIC CONNECTOR PATCH CORD



SC-SC



SC-LC



SC-FC



SC-ST



SC-LSH

FC-TYPE FIBRE OPTIC CONNECTOR PATCH CORD



FC-FC



FC-LC



FC-SC



FC-ST



FC-LSH

ST-TYPE FIBRE OPTIC CONNECTOR PATCH CORD



ST-ST



ST-LC



ST-SC



ST-ST



ST-LSH

STANDARD PATCHCORD STRUCTURE

LSH-TYPE FIBRE OPTIC CONNECTOR PATCH CORD



LSH-LSH



LSH-LC



LSH-SC



LSH-ST

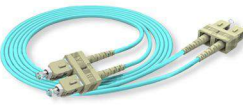


LSH-LSH

DUPLEX FIBER OPTIC PATCH CORD



LC-LC



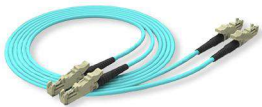
LSH-LC



LSH-SC



LSH-ST



LSH-LSH

FIBER TYPE



SM
recommended Yellow



OM1/OM2
recommended Orange



OM3
recommended Aqua



OM4
recommended Violet



OM5
recommended Lime Green

COMMON CABLE STRUCTURES

SINGLE-CORE CABLE SERIES



2.0/3.0mm simplex cable



2.0/3.0mm simplex
armoured optical cable



2.0/3.0mm min cable
(2 fibers)

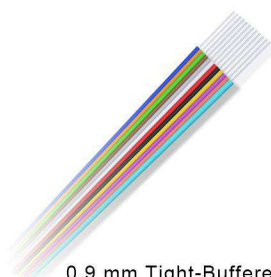
DUAL-CORE CABLE SERIES



2.0/3.0mm duplex
optical cable



2.0/3.0mm duplex
armoured fibre optic cable



0.9 mm Tight-Buffered
Fiber Cable with 12-color code

SC CONNECTOR

CODE STANDARDS

SCU-BU-D20-GN

CONNECTOR	ENCLOSURE COLOR	BOOT TYPE(mm)	BOOT COLOR
SCU SC/UPC Simplex Connector	BU BLUE	D09 0.9 standard	GN GREEN
SCA SC/APC Simplex Connector	GN GREEN	D20 2.0 standard	BU BLUE
DSCU SC/APC Duplex Connector	BG BEGI	S20 2.0 Short Tail Boot	BG BEGI
DSCA SC/UPC Duplex Connector	AQ AQUA	D30 3.0 standard	AQ AQUA
	VT VIOLET	S30 3.0 Short Tail Boot	VT VIOLET
	LM LIME GREEN	D16 1.6 standard	LM LIME GREEN
		D12 1.2 standard	



SC/UPC Connector



SC/APC Connector

Performance:

- Sun Conec's connectors strictly follow the test standards of Telcordia GR-326-CORE.
- Designed to exceed the requirement of Verizon FOCTPR 9409 requirements.
- The dimensional design complies with IEC 61754-4.
- Can be selected according to the material to meet the UL94 flame retardant standards.
- The use of our different ferrule types (Premium, Super premium, Ultra premium) enables performance matching from standard to high and ultra-high performance interconnection requirements.
- Insertion/return loss performance not only exceeds the top 10% of industry benchmarks, but also far exceeds the performance requirements of the Grade B interchange test in the IEC 61753-1 standard.

PRODUCT SELECTION (SIMPLEX)

ADAPTED CABLE OD	BOOT TYPE	PICTURE	ENGINEERING DRAWING
0.9mm Simplex	Standard Boot		
1.2mm Simplex	Standard Boot		
1.6mm Simplex	Standard Boot		
2.0mm Simplex	Standard Boot		
3.0mm Simplex	Standard Boot		
2.0/3.0mm Simplex	45° Angle		

PRODUCT SELECTION (DUPLEX)

ADAPTED CABLE OD	BOOT TYPE	PICTURE	ENGINEERING DRAWING
0.9mm Simplex	Standard Boot		
1.2mm Simplex	Standard Boot		
1.6mm Simplex	Standard Boot		
2.0mm Simplex	Standard Boot		
3.0mm Simplex	Standard Boot		
2.0/3.0mm Duplex	45° Angle		
2.0/3.0mm Duplex	90° Angle		

COLOR RECOMMENDATION


 SM
UPC

 SM
APC

 MM
OM1/2

 MM
OM3/4

 MM
OM4

FC CONNECTOR

CODE STANDARDS

FC/UPC-MT-D09-GN

CONNECTOR		ENCLOSURE COLOR		BOOT TYPE(mm)		BOOT COLOR	
FC/UPC	FC/UPC Connector	ZA	ZINC ALLOY	D09	0.9 standard	GN	GREEN
FC/APC	FC/APC Connector	CO	COPPER	D12	1.2 standard	BU	BLUE
				D16	1.6 standard	BG	BEGI
				D20	2.0 standard	AQ	AQUA
				D30	3.0 standard	BK	BLACK
				D46	4.6 standard		

Performance:

- Sun Conec's connectors strictly follow the test standards of Telcordia GR-326-CORE.
- Designed to exceed the requirement of Verizon FOCTPR 9409 requirements.
- The dimensional design complies with IEC 61754-13.
- Can be selected according to the material to meet the UL94 flame retardant standards.
- The use of our different ferrule types (Premium, Super premium, Ultra premium) enables performance matching from standard to high and ultra-high performance interconnection requirements.
- Insertion/return loss performance not only exceeds the top 10% of industry benchmarks, but also far exceeds the performance requirements of the Grade B interchange test in the IEC 61753-1 standard.



FC-APC Connector



FC-UPC Connector



2.0mm Standard Boot

PRODUCT SELECTION

ADAPTED CABLE OD	BOOT TYPE	PICTURE	ENGINEERING DRAWING
0.9mm Simplex	Standard Boot		
2.0mm Simplex	Standard Boot		
3.0mm Simplex	Standard Boot		

ST CONNECTOR

CODE STANDARDS

ST/UPC-MT-D09-GN

CONNECTOR		ENCLOSURE COLOR		BOOT TYPE(mm)		BOOT COLOR	
ST/UPC	ST/UPC Connector	ZA	ZINC ALLOY	D09	0.9 standard	GN	GREEN
ST/APC	ST/APC Connector	CO	COPPER	D12	1.2 standard	BU	BLUE
				D16	1.6 standard	BG	BEGI
				D20	2.0 standard	AQ	AQUA
				D30	3.0 standard	BK	BLACK
				D46	4.6 standard		

Performance:

- Sun Conec's connectors strictly follow the test standards of Telcordia GR-326-CORE.
- Designed to exceed the requirement of Verizon FOCTPR 9409 requirements.
- The dimensional design complies with IEC 61754-2.
- Can be selected according to the material to meet the UL94 flame retardant standards.
- The use of our different ferrule types (Premium, Super premium, Ultra premium) enables performance matching from standard to high and ultra-high performance interconnection requirements.
- Insertion/return loss performance not only exceeds the top 10% of industry benchmarks, but also far exceeds the performance requirements of the Grade B interchange test in the IEC 61753-1 standard.



ST-APC Connector



ST-UPC Connector



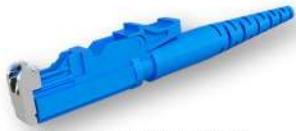
2.0mm Standard Boot

PRODUCT SELECTION

ADAPTED CABLE OD	BOOT TYPE	PICTURE	ENGINEERING DRAWING
0.9mm Simplex	Standard Boot		
2.0mm Simplex	Standard Boot		
3.0mm Simplex	Standard Boot		

LSH CONNECTOR

CODE STANDARDS



LSH/UPC Connector



LSH/APC Connector



LSH/APC Connector

CONNECTOR		ENCLOSURE COLOR		BOOT TYPE(mm)		BOOT COLOR	
E2U	LSH/UPC Connector	BU	BLUE	D09	0.9 standard	GN	GREEN
E2A	LSH/APC Connector	GN	GREEN	D20	2.0 standard	BU	BLUE
		BG	BEIGE	D30	3.0 standard	BG	BEIGE

Performance:

- Insertion Loss: ≤ 0.3 dB typical for single mode.
- Repeatability: ≤ 0.2 dB.
- Widely used in telecom networks, test equipment, fiber-optic CATV, and LANs (Local Area Networks).
- Return loss: Single-mode:UPC ≥ 50 dB, APC ≥ 60 dB
Multi-mode: ≥ 25 dB
- The dimensional design complies with IEC 61754, GR-326, TIA/EIA 568-B, and YDT 1272.

PRODUCT SELECTION

ADAPTED CABLE OD	BOOT TYPE	PICTURE	ENGINEERING DRAWING
0.9mm Simplex	Standard Boot		
2.0mm Simplex	Standard Boot		
3.0mm Simplex	Standard Boot		

LC CONNECTOR

CODE STANDARDS

LCU-BU-D20-GN

CONNECTOR	ENCLOSURE COLOR	BOOT TYPE(mm)	BOOT COLOR
LCU LC/UPC Simplex Connector	BU BLUE	D09 0.9 standard	GN GREEN
LCA LC/APC Simplex Connector	GN GREEN	D20 2.0 standard	BU BLUE
DLCU LC/APC Duplex Connector	BG BEGI	S20 2.0 Short Tail Boot	BG BEIGE
DLCA LC/UPC Duplex Connector	AQ AQUA	D30 3.0 standard	AQ AQUA
	VT VIOLET	S30 3.0 Short Tail Boot	VT VIOLET
	LM LIME GREEN	D16 1.6 standard	LM LIME GREEN
		D12 1.2 standard	


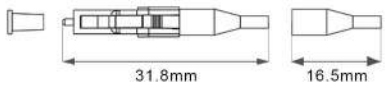



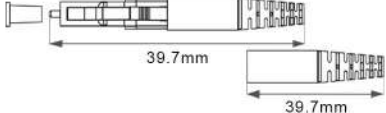

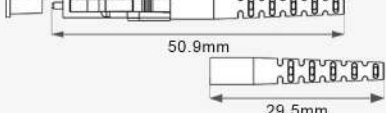

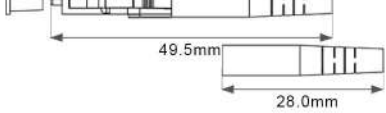


LC/UPC Connector

LC/APC Connector


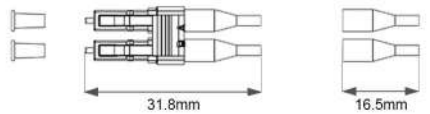

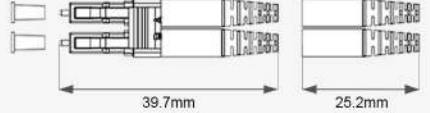

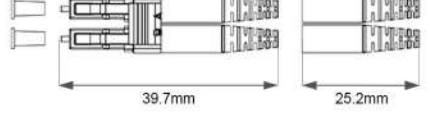



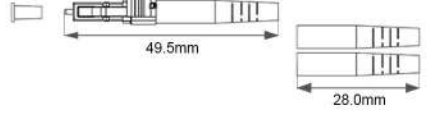

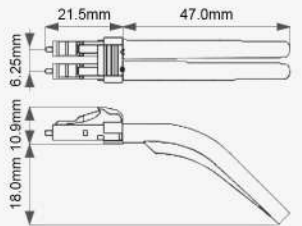

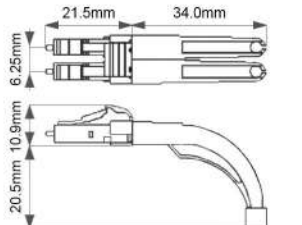
Performance:

- Sun Conec's connectors strictly follow the test standards of Telcordia GR-326-CORE.
- Designed to exceed the requirement of Verizon FOCTPR 9409 requirements.
- The dimensional design complies with IEC 61754-20.
- Can be selected according to the material to meet the UL94 flame retardant standards.
- The use of our different ferrule types (Premium, Super premium, Ultra premium) enables performance matching from standard to high and ultra-high performance interconnection requirements.
- Insertion/return loss performance not only exceeds the top 10% of industry benchmarks, but also far exceeds the performance requirements of the Grade B interchange test in the IEC 61753-1 standard.

PRODUCT SELECTION (SIMPLEX)

ADAPTED CABLE OD	BOOT TYPE	PICTURE	ENGINEERING DRAWING
0.9mm Simplex	Standard Boot		
1.2mm Simplex	Standard Boot		
1.6mm Simplex	Standard Boot		
2.0mm Simplex	Standard Boot		
3.0mm Simplex	Standard Boot		
2.0/3.0mm Simplex	45° Angle		

PRODUCT SELECTION (DUPLEX)

ADAPTED CABLE OD	BOOT TYPE	PICTURE	ENGINEERING DRAWING
0.9mm Duplex	Standard Boot		
1.2mm Duplex	Standard Boot		
1.6mm Duplex	Standard Boot		
2.0mm Duplex	Standard Boot		
3.0mm Duplex	Standard Boot		
2.0/3.0mm Duplex	45° Angle		
2.0/3.0mm Duplex	90° Angle		

COLOR RECOMMENDATION



LC/UNIBOOT CONNECTOR

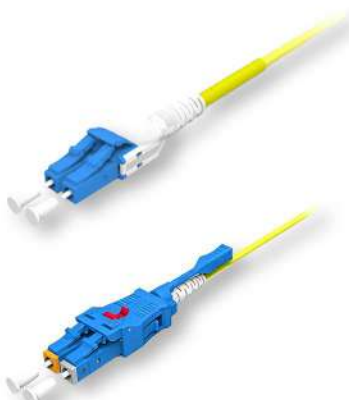
CODE STANDARDS

LCU-BU-D20-GN

CONNECTOR	ENCLOSURE COLOR	BOOT TYPE(mm)	BOOT COLOR
LCU UNIBOOT Connector	BU BLUE	D20 2.0 standard	WH WHITE
	GN GREEN	D30 3.0 standard	
	BG BEIGE		
	AQ AQUA		

Performance:

- The Uniboot connector utilises single-tube dual-core optical cables, facilitating cable management and enhancing thermal dissipation within cabling systems.
- Available in push-pull variants, the pull rod enables straightforward insertion or removal of patch cords.
- Its structural design permits effortless interchangeability of fibre polarity.



LC/UNIBOOT Connector

ORDERING INFORMATION

Function		Push-Pull	Changeable polarity
Type	Matching the cable OD	Picture	Engineering Drawing
Style 1	2.0/3.0mm		

Function		Push-Pull	Changeable polarity
Type	Matching the cable OD	Picture	Engineering Drawing
Style 2	2.0/3.0mm		

Function		Push-Pull	Changeable polarity
Type	Matching the cable OD	Picture	Engineering Drawing
Style 3	2.0mm		

Function		Push-Pull	Changeable polarity
Type	Matching the cable OD	Picture	Engineering Drawing
Style 4	3.0mm		

MTRJ CONNECTOR

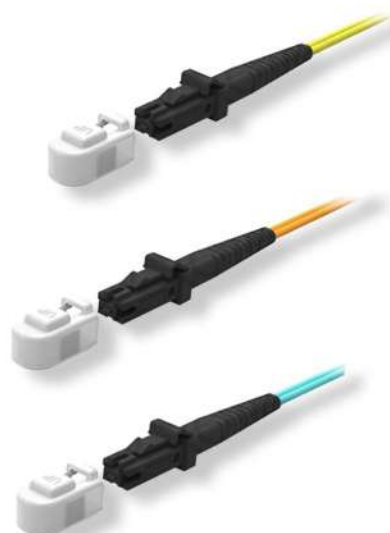
CODE STANDARDS

MT2-BK-D09-BK

CONNECTOR		ENCLOSURE COLOR		BOOT TYPE(mm)		BOOT COLOR	
MT2	2-fibre MTRJ connector	BK	BLACK	B18	Flat-tailed 1.8 × 3.6	BK	BLACK
MT4	4-fibre MTRJ connector			Y30	3.0 Round Tail		

Performance:

- Sun Conec's connectors strictly follow the test standards of Telcordia GR-326-CORE.
- Designed to exceed the requirement of Verizon FOCTPR 9409 requirements.
- The dimensional design complies with IEC 61754-24.
- Can be selected according to the material to meet the UL94 flame retardant standards.
- The use of our different ferrule types (Premium, Super premium, Ultra premium) enables performance matching from standard to high and ultra-high performance interconnection requirements.
- Insertion/return loss performance not only exceeds the top 10% of industry benchmarks, but also far exceeds the performance requirements of the Grade B interchange test in the IEC 61753-1 standard.



MTRJ Connector

PRODUCT SELECTION

STRUCTURE



2-core



4-core

ADAPTED CABLE OD	BOOT TYPE	PICTURE	ENGINEERING DRAWING
1.8x3.6mm	Flat Terminal for 2x1.8mm Tight-Buffered Fiber Optic Cable		
3.0mm	Round Terminal for 3.0mm Tight-Buffered Fiber Optic Cable (Single Tube, 2 or 4 Fiber)		

SN CONNECTOR

CODE STANDARDS

SNA-BU-D20-WH

CONNECTOR		ENCLOSURE COLOR		BOOT TYPE(mm)		BOOT COLOR	
SNA	SN/APC connector	BU	BLUE	D20	1.6~2.0 Push-Pull Standard	WH	WHITE
SNU	SN/UPC connector	GN	GREEN				
		AQ	AQUA				



SN Connector
UPC with Flex Angle Boot



SN Connector
APC for 1.6mm/2.0mm Cable

Performance:

- Sun Conec's connectors strictly follow the test standards of Telcordia GR-326-CORE.
- Designed to exceed the requirement of Verizon FOCTPR 9409 requirements.
- The dimensional design complies with IEC 61754-13.
- Unique push-pull boot for simple installation and removal.
- The use of our different ferrule types (Premium, Super premium, Ultra premium) enables performance matching from standard to high and ultra-high performance interconnection requirements.
- IEC random mating Grade B.
- Effective size reduction compared to LC Duplex.

OPTICAL DATA

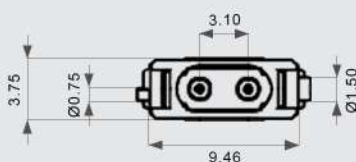
	Singlemode				Multimode
	UPC		APC		MM
	SM Premium Low Loss	SM Premium	SM Premium Low Loss	SM Premium	Premium
Typical Insertion Loss (dB)	0.05	0.08	0.07	0.12	0.05
Max.Insertion Loss (dB)	0.15	0.20	0.15	0.25	0.15
Typical Return Loss (dB)	≥55		≥65		≥25
Ferrule Diameter (μm)	125.5				127

Note: Based on master grade jumper to low loss random mating test.

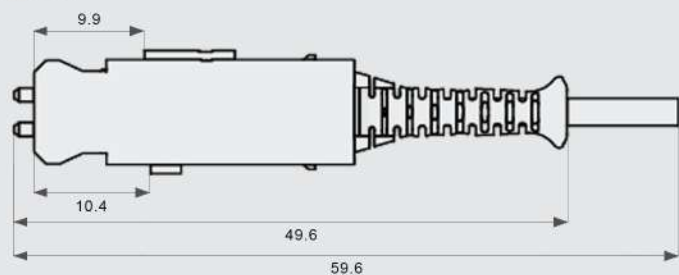
	Value
Operating Temperature	-40°C to + 75°C
RoHS Compliance	Yes
REACH Compliance	Yes
Free of Halogen	Yes
Humidity Resistance	95%

1-CHANNEL CONNECTOR DRAWING

Front View



Side View



Note: All dimensions are in mm

MDC CONNECTOR

CODE STANDARDS

MD/APC-BU-D20-BK

CONNECTOR		ENCLOSURE COLOR		BOOT TYPE(mm)		BOOT COLOR	
MD/UPC	MD/UPC connector	BU	BLUE	D20	2.0 End Standard	BK	BLACK
MD/APC	MD/APC connector	GN	GREEN				
		AQ	AQUA				

Performance:

- 3x fiber cabling density over LC connectors, providing 216 duplex connectors (432 fibers) within 1 RU.
- DirectConec™ push-pull boot for effortless connector insertion and extraction.
- Simple polarity reversal with no exposed fibers.
- Meets IEC Attenuation Grade B random mating requirements (0.12 dB mean, 0.25 dB maximum for $\geq 97\%$ of the connectors).
- Telcordia GR-326 and TIA-568 compliant.
- Designed for cables up to 2.0mm OD.
- Multi-mode, Singlemode and Singlemode APC available.

OPTICAL DATA

	Singlemode				Multimode
	UPC		APC		MM
	SM Premium Low Loss	SM Premium	SM Premium Low Loss	SM Premium	Premium
Typical Insertion Loss (dB)	0.10	0.12	0.10	0.12	0.12
Max.Insertion Loss (dB)	0.15	0.25	0.15	0.25	0.15
Typical Return Loss (dB)	≥55		≥65		≥25
Ferrule Diameter (μm)	125.5				127

Note: Based on master grade jumper to low loss random mating test.

POLARITY REVERSAL PROCESS



Separate connector housing from boot



Rotate 180°

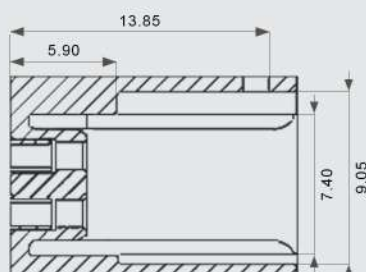


Re-attach boot to connector housing

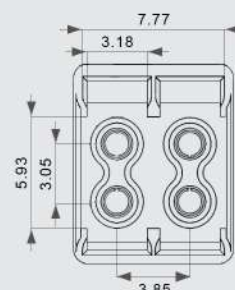
Quick and Simple Polarity Reversal

The polarity reversal of the MDC connector is effortless and does not expose or twist delicate fibers during the process. To change polarity, pull the boot from the connector housing, rotate the boot 180 degrees, and reassemble the boot assembly back onto the connector housing. Polarity marks on the top and side of the connector and the MDC logo provide notification of reversed connector polarity.

Front View



Side View



Note: All dimensions are in mm

LC-WHOOSH CONNECTOR

SUN CONEC's LC-WHOOSH Connector is designed to be air-blown through micro-ducts for fast pre-connectorised FTTH drop applications. The connector's ferrule is blown through the duct before the outer housing and boot are assembled.

Performance:

- **Fast Installation**
Connector housing can be assembled in less than 15s.
- **Tensile strength**
400N
- **High Performance**
Unique design achieves and maintains Grade B optical performance.
- **User-Friendly**
reel packaging is convenient to access and install.
- All products can meet random mated grade B. (IEC 61300-3-34)

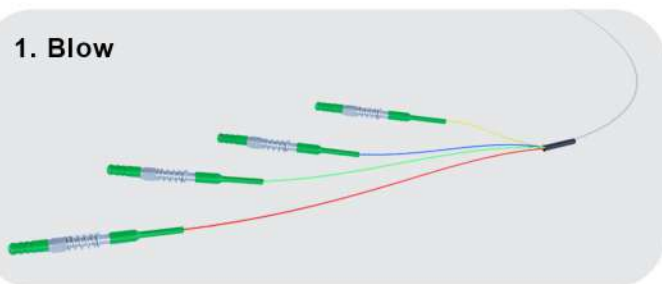
Easy
assembly

OPTICAL DATA

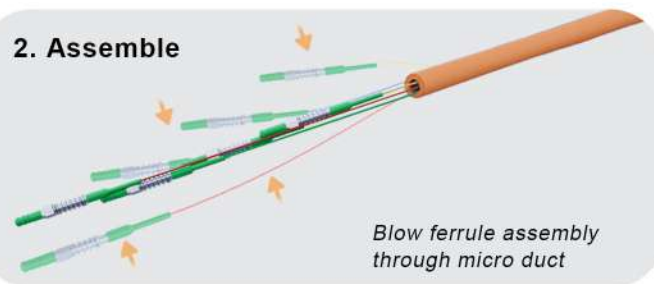
	Value
Single-core Outer Diameter	≤ 2.5mm
Combined Outer Diameter Of 4 LC Connectors	≤ 3.0mm
Pass Through A Minimum Inner Diameter	≥ 4.0mm
REACH Compliance	Yes
Free of Halogen	Yes
Humidity Resistance	95%

HOW TO INSTALL

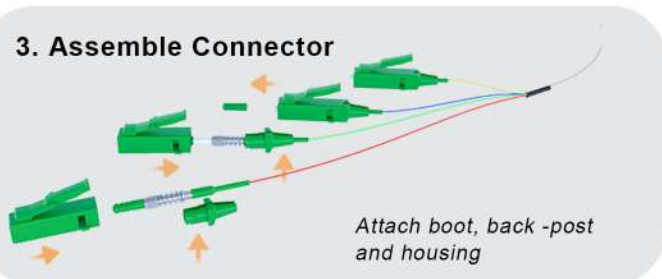
1. Blow



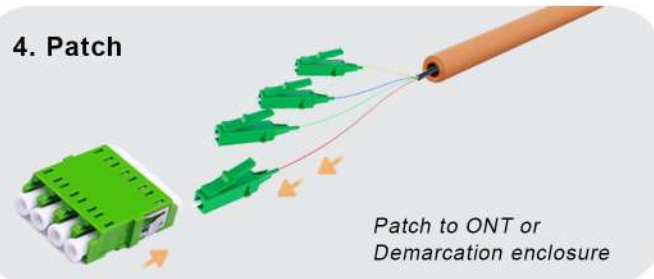
2. Assemble



3. Assemble Connector



4. Patch



Super fast, high performance connector for FTTH DUCT and DROP applications.

LC-ENT CONNECTOR



air connector
OD:4mm

pulling
connector
OD:5mm

Performance:

- **Fast Installation**
Easy and fast assembly without special tool.
- **High Performance**
Unique design achieves and maintains Grade B optical performance.
- **User-Friendly**
reel packaging is convenient to access and install.
- **Cost effective.**
- **Easy handling after termination** due to connectorization directly to cable.
- All products can meet random mated grade B.
(IEC 61300-3-34)

Compatible with tubes of ID: 5mm



Fast Installation

connector housing can be assembled in less than **10s**



Tensile Strength

100N
(with pulling connector)



High Performance

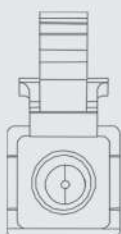
Unique design achieves **Grade B** optical performance

OPTICAL DATA

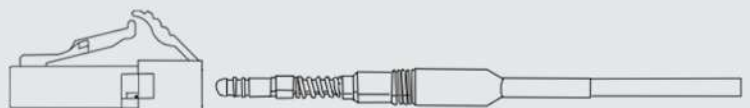
	Value
Outer Diameter	$\leq 2.5\text{mm}$
Inner Diameter	$\leq 3.0\text{mm}$
Insertion Loss dB	Typical ≤ 0.3
Return Loss	Typical ≥ 45
Operating Temperature	$-40 \sim +75^\circ\text{C}$
Humidity Resistance	95%
REACH Compliance	Yes
Qualification	TIA/EIA 568-B.3

1-CHANNEL CONNECTOR DRAWING

Front View



Side View



Note: All dimensions are in mm

WEATHERPROOF CONNECTOR



The Weatherproof Connector is SUN CONEC's flagship connectivity solution designed for outdoor applications and harsh environments. The high optical performance is paired with ergonomic mechanics for quick and easy installations.

Performance:

- IP water immersion and dust protection for harsh environment.
- Cost effective solution for in house termination.
- Chemical Resistance.
- Easily adapts to both wall-penetration and butt-joint applications.
- The spiral bayonet design provides a lasting and reliable connection.

OPTICAL DATA

TYPICAL CHARACTERISTICS	LC		SC		MPO		MPO(PUSH-PULL)	
	SM	MM	SM	MM	SM	MM	SM	MM
Insertion Loss(Max)	0.2dB	0.2dB	0.2dB	0.2dB	0.35dB	0.3dB	0.7dB	0.5dB
Insertion Loss(Average)	0.08dB	0.1dB	0.08dB	0.1dB	0.1dB	0.08dB	0.2dB	0.1dB
Return Loss	55dB	NA	55dB	NA	60dB(Angle)	25dB(Flat)	60dB(Angle)	25dB(Flat)
Durability	50matings							
Operating Temperature	-40°~+75°							
IP Rating	IP-68							
Pull Force	100lbs							
Material	UV resistant							

	PICTURE	ENGINEERING DRAWING
Docking Status		
State Switching Process		
Wall-Penetration Status		

INDOOR RC FAN-OUT KIT

The SUN CONEC Indoor fan-out range offer a variety of different layout options for most indoor applications. They are cost effective, time saving solution that eliminates the need for splicing on-site.

Performance:

- For indoor breakout application.
- Light Weight, Snap-together Molded Construction.
- Maximum Fan-Outs According to Media Type(x48).
- High performance low loss.
- Chemical Resistance.

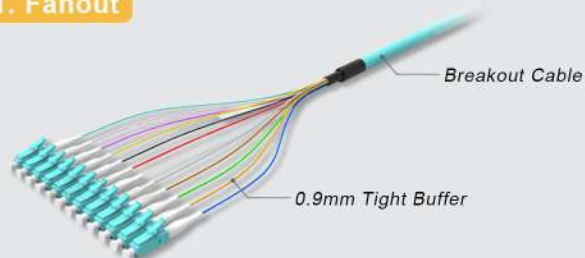
OPTICAL DATA

SPECIFICATIONS

Mounting	Hose Clip / Cable Tie
Number of Fibers	12 to 228 (Note: According to Media Type 2.0mm or 900um)
Suitable for Connector Types	LC, SC, FC, ST, MU
Dimensions	56mm x 15mm (Excluding cable gland)
Feeder Cable OD range	2-6mm
Operating Temperature (°C)	-40 to +85
Fan-out cable Retention	>15lbs (>66N)
Feeder Cable Retention	100lbs (450N)

BRANCH STRUCTURE DISPLAY

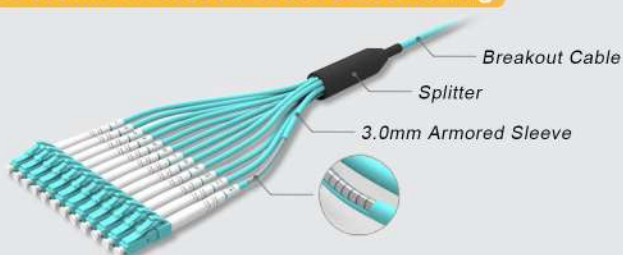
1. Fanout



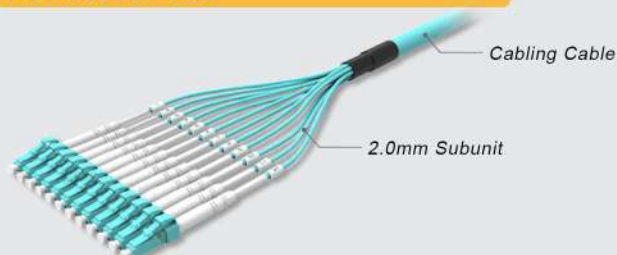
2. 2.0/3.0mm Sleeve Branching



3. 3.0mm Armored Sleeve Branching



4. Direct Fanout



OUTDOOR FAN-OUT KIT



Indoor/outdoor applications



Dust protection



Easy assembly

The SUN CONEC Outdoor fan-out range offer a variety of different layout options for most indoor applications. They enable less cabling and lower costs, allowing for quick and cost-effective installation.

Performance:

- For outdoor breakout application.
- Helps to make installation simple, quick, and cost effective.
- UV resistance for outdoor applications.
- High performance low loss.
- Chemical Resistance.

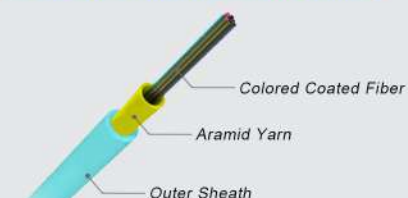
OPTICAL DATA

SPECIFICATIONS

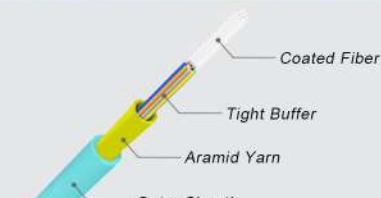
Mounting	Hose Clip / Cable Tie
Number of Fibers	12 to 228 (Note: According to Media Type 2.0mm or 900um)
Suitable for Connector Types	LC, SC, FC, ST, MU
Dimensions	56mm x 15mm (Excluding cable gland)
Feeder Cable OD range	2-6mm
Operating Temperature (°C)	-40 to +85
Fan-out cable Retention	>15lbs (>66N)
Feeder Cable Retention	100lbs (450N)

BRANCHING METHOD

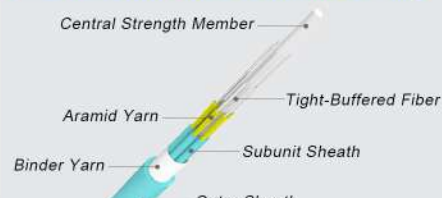
Stripped Structure of Mini Cable



Stripped Structure of Breakout Cable



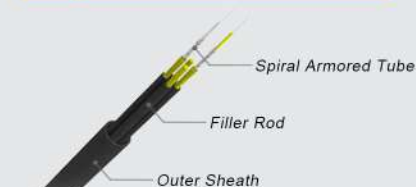
Stripped Structure of Cabling Cable



Stripped Structure of RRH Cable



Stripped Structure of RRH Cable



Stripped Structure of Tactical Fiber Cable

